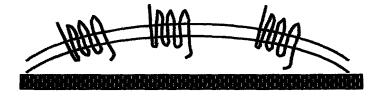
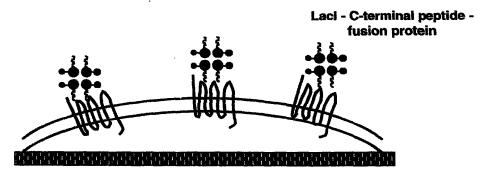
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Figure 1

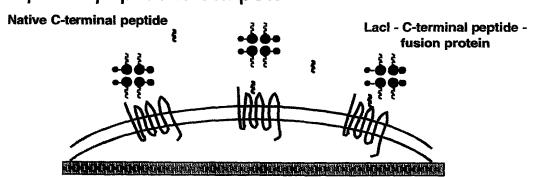
Bind GPCR to well

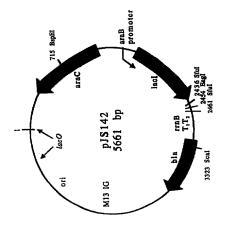


Add peptide library



Use parent peptide to compete





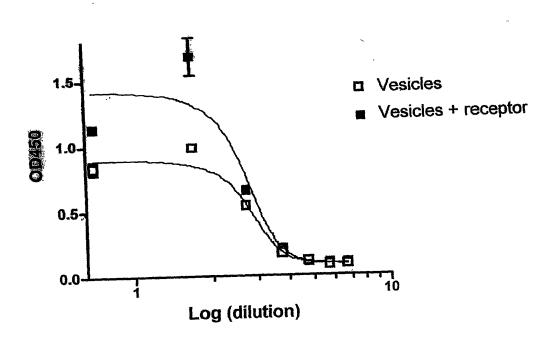
map of pJS142 vector

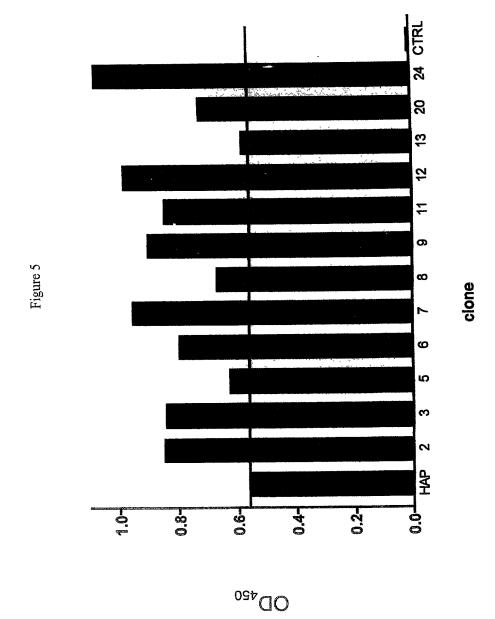
Figure 3

Immobilized Activated Receptor Read plate at OD_{405} to determine amount of Lacl-peptide fusion protein binding to plate Lacl-peptide fusion protein rabbit anti-Lacl antibody goat anti-rabbit antibody conjugated to HRP Lipid Vesicle ELISA

1 well of 96 well ELISA plate

Figure 4



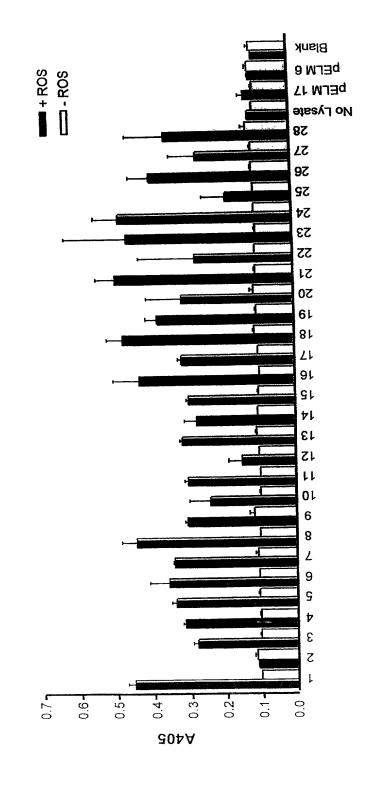


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0.5-0.6-0.6-0.6-0.6-0.7-0.6-0.7-0.7-0.6-0.6-0.7-0.7-0.7-0.7-0.8-0.9-

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Figure 8

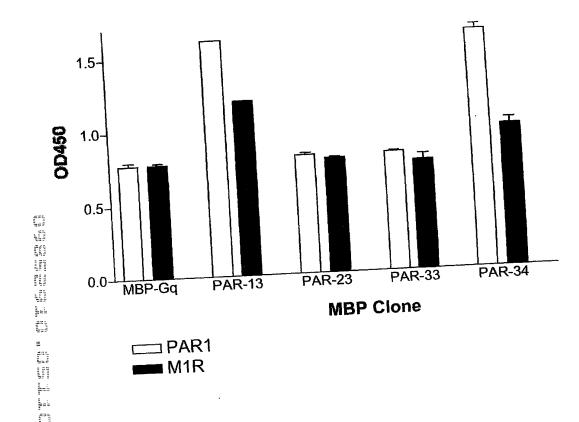
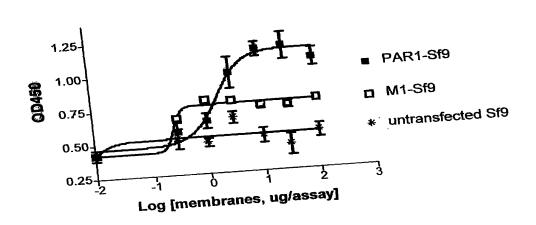
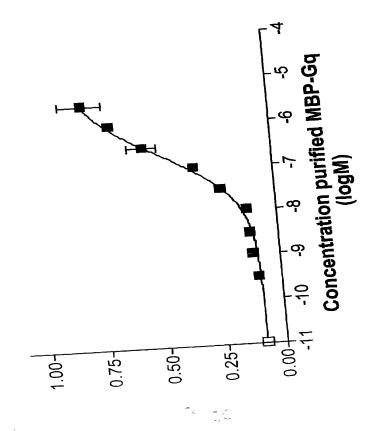


Figure 9



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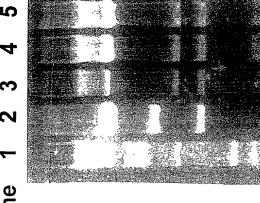
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Multiple cloning site (MCS) HindIII Nhe I Pmc I Apa I Xba I Xho I Not I Bast I EcoR V EcoR V EcoR V EcoR I Asp718 I Kpn I Hind III ate ang nac ane cig ang gae tge gge ete tie-tag tte tig tig gae tte cig aeg eeg gag ang MCS BGH pA fi ori SV40 ori Gi peptide sequence Neomycin pCDNA3.1(-) 5432 bp New Ncol site SV40pA binding site Ribosomal se age as Ampicillin ColE1 gatec BamHI

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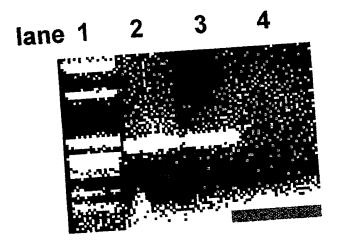
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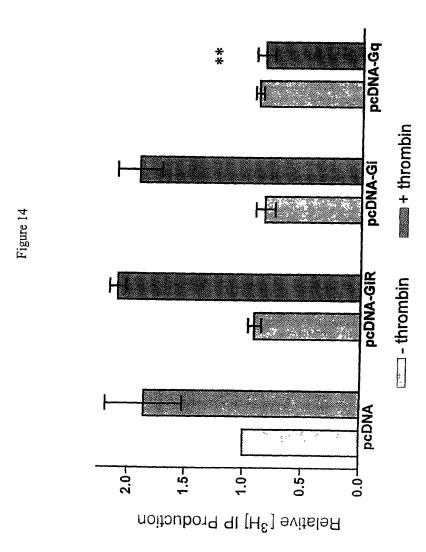
Figure 12



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Figure 13





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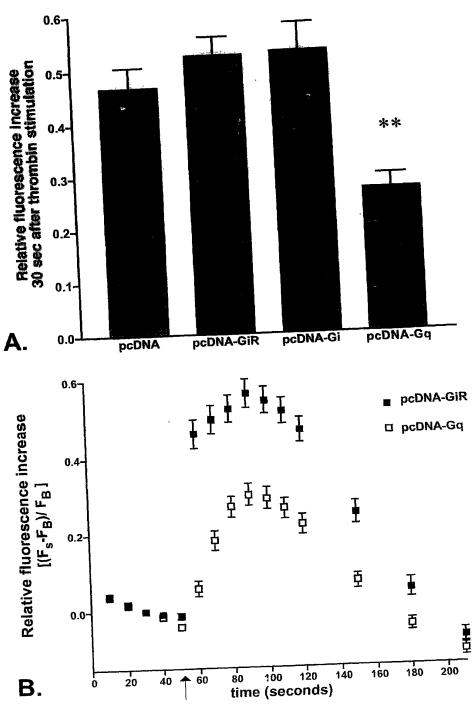
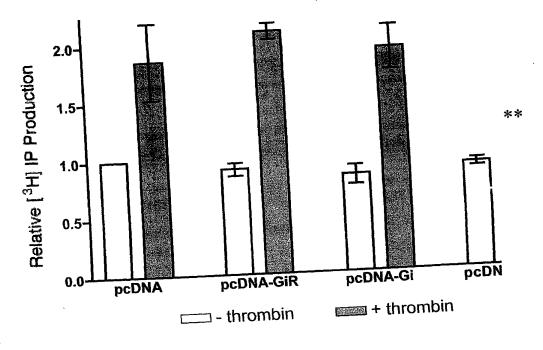
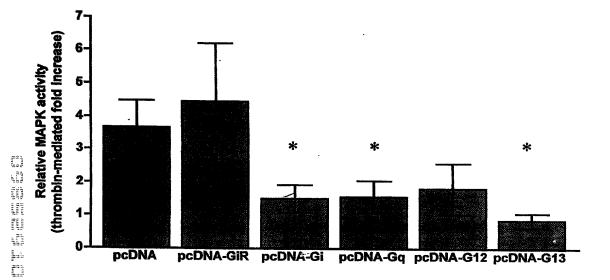


Figure 16



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Figure 17



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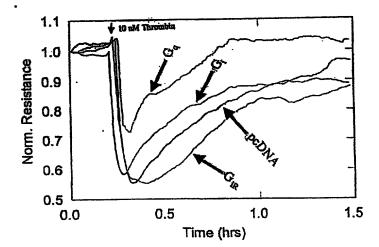
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Figure 18



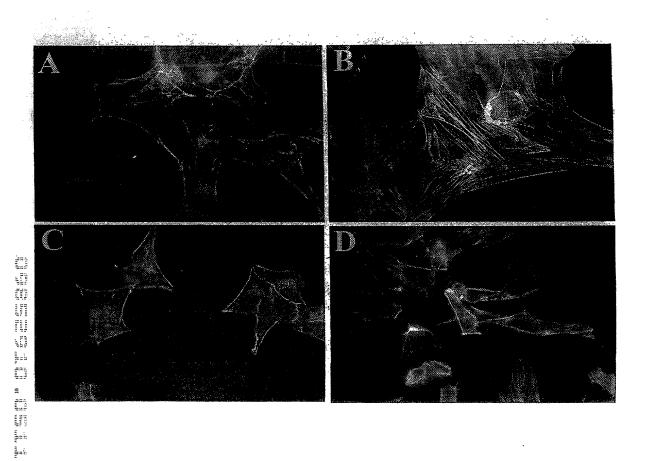
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Figure 19



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Figure 20

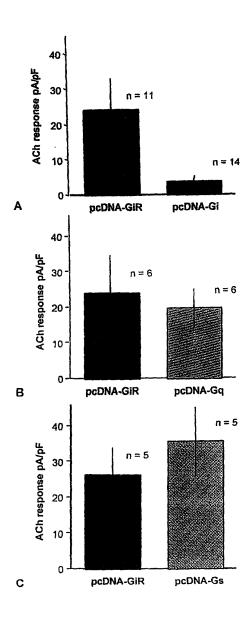


Figure 21

